

Fig. 1

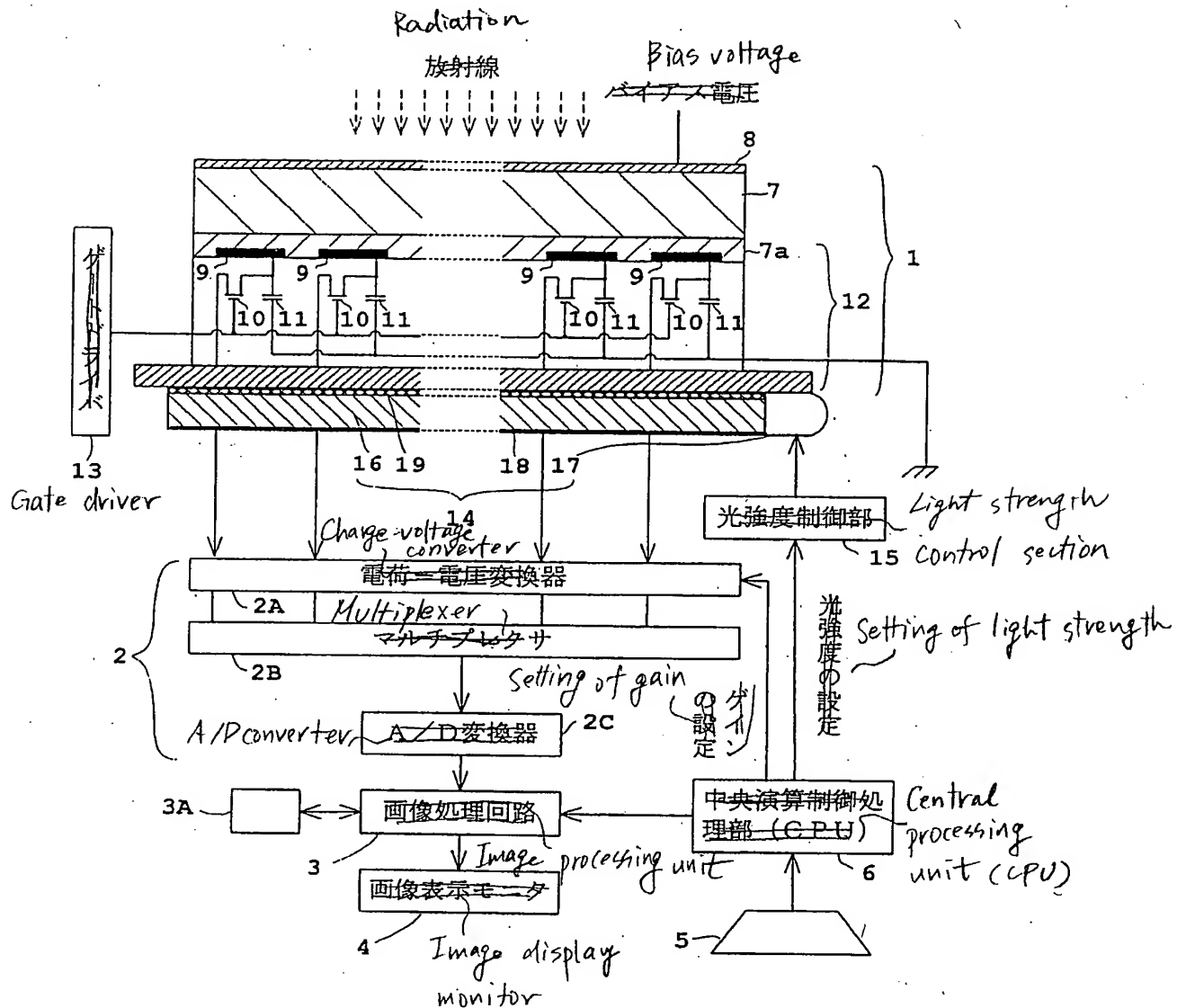


Fig. 2

Dark current increment

暗電流増加分

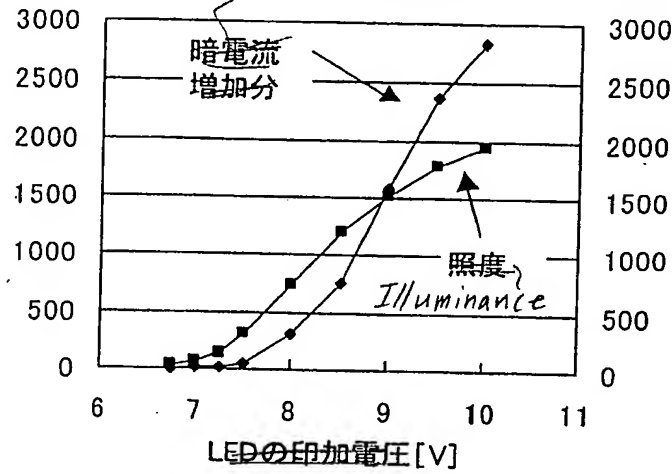
[LSB]

Dark current increment

Illuminance

照度

[Lux]



LED application voltage [V]

Fig. 3

LED application voltage (V) / Illuminance [Lux]

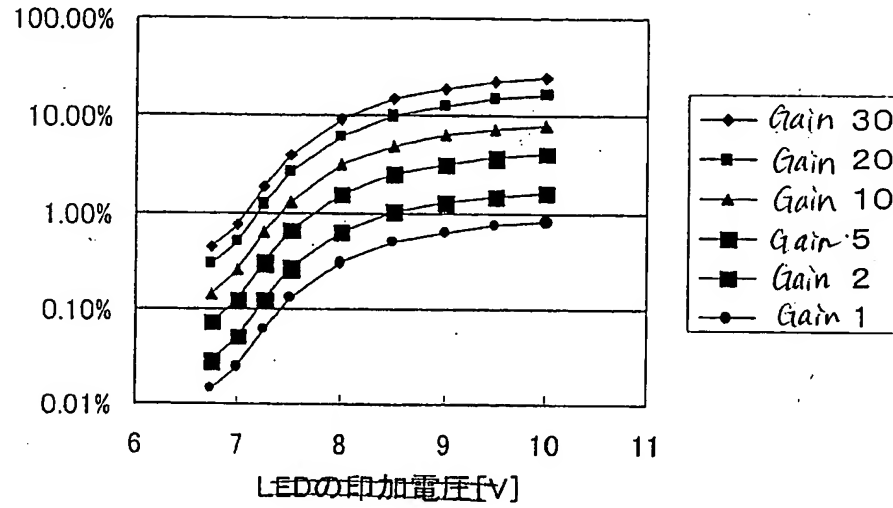
LEDの印加電圧 (V)	6.75	7	7.25	7.5	8	8.5	9	9.5	10
照度 [Lux]	6	10	22	57	320	760	1580	2370	2840
暗電流増加分 [LSB]	34	60	147	312	740	1207	1520	1780	1950
ダイナミックレンジ の低下率 Decreasing rate of dynamic range	Gain 30	0.43%	0.75%	1.8%	9.3%	15%	19%	22%	24%
	Gain 20	0.29%	0.50%	1.2%	6.2%	10%	13%	15%	16%
	Gain 10	0.14%	0.25%	0.61%	3.1%	5.0%	6.3%	7.4%	8.1%
	Gain 5	0.07%	0.13%	0.31%	1.5%	2.5%	3.2%	3.7%	4.1%
	Gain 2	0.03%	0.05%	0.12%	0.62%	1.0%	1.3%	1.5%	1.6%
Dark current increment [LSB]	Gain 1	0.01%	0.03%	0.13%	0.31%	0.50%	0.63%	0.74%	0.81%

Fig. 4

Decreasing rate of dynamic range

ダイナミックレンジ

の低下率



LEDの印加電圧[V]

LED application voltage [V]

Fig 6

Output of electric signal processing circuit
[451]
電気信号処理回路の出力[451]

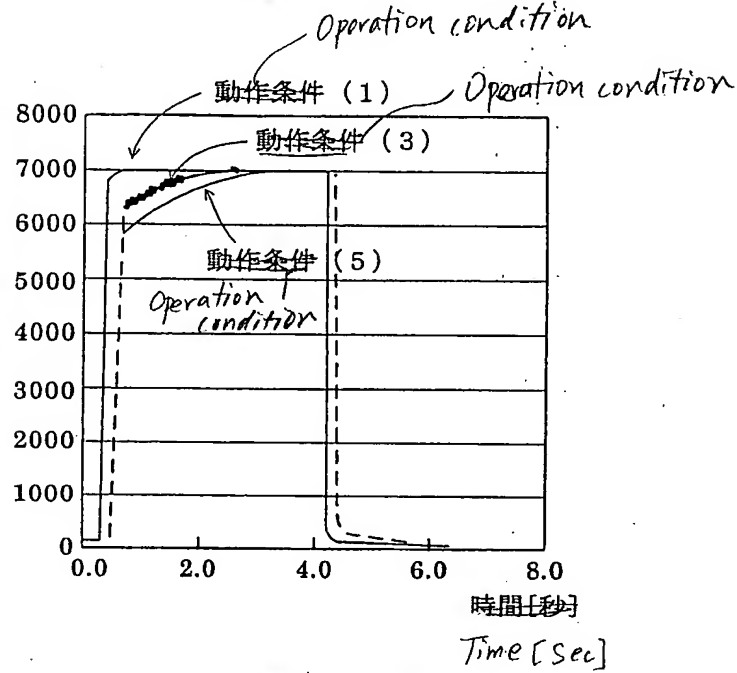


Fig. 6

Output of electric signal processing circuit
[158]
電気信号処理回路の出力[158]

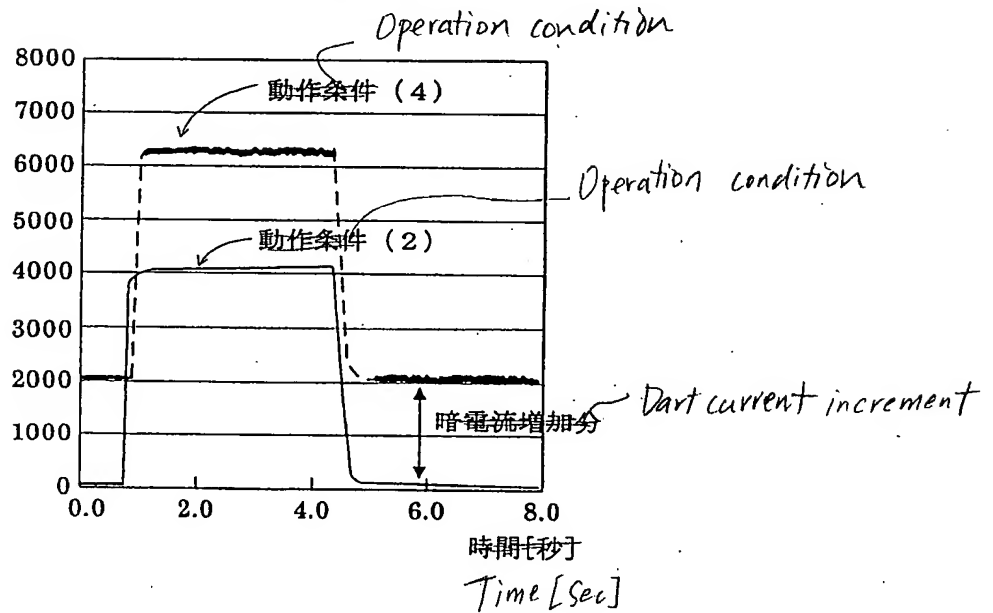


Fig. 7

